

Converting Colors

Hex(803E88)

Have a look what the booklet for
Hex(803E88) contains.

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Color

Hex(803E88)

Conversions

Conversions Part 1

Format	Color
Hex	803E88
RGB	128, 62, 136
RGB Percent	50%, 24%, 53%
CMY	0.4980, 0.7569, 0.4667
CMYK	0.06, 0.54, 0.00, 0.47
HSL	294°, 37%, 39%
HSV	294°, 54%, 53%
XYZ	15.0686, 9.8120, 24.3923
YIQ	90.1700, 15.5820, 37.0060

Conversions

Conversions Part 2

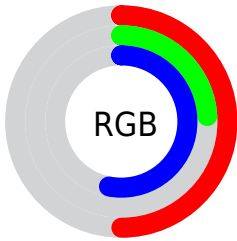
Format	Color
R_{YB}	128, 62, 136
Decimal	8404616
CIE _{Lab}	37.50, 40.00, -29.22
CIE _{LCh}	38, 49.534, 323.849
Yxy	9.8120, 0.3058, 0.1991
Android (android.graphics.Color)	4286594696 (0xFF803E88)
YUV	90.1700, 22.5942, 33.1769
Hunter-Lab	31.3241, 31.0511, -24.2425

Details

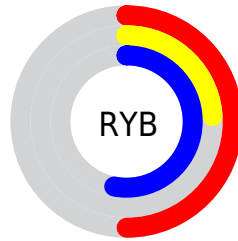
The Hex color **803E88** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **46883E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B771BE**, and **4C0956** is the 20% darker color. If you saturate the color by 10%, you get **7F3088**, and if you desaturate by 10%, it is **814C88**.

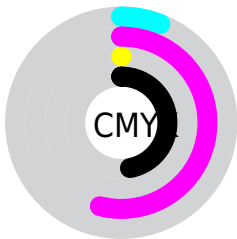
Distribution



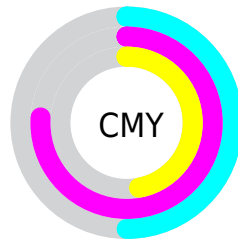
- Red (50%)
- Green (24%)
- Blue (53%)



- Red (50%)
- Yellow (24%)
- Blue (53%)



- Cyan (6%)
- Magenta (54%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (76%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803E88 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 803E88 by changing the saturation by 10% instead.

 803E88

 803E88

FFFFFF

 66256E

 B771BE

 4C0956

 D38BDA

 34003E

 F0A6F6

 1E0028

 FFC2FF

 000111

 FFDEFF


 000000

 FFFBFF

 803E88

 803E88

 7F3088

 814C88

7D2388

835988

7C1588

846788

7A0888

867488

790088

878288

899088

8A9D88

8CAB88

8DB888

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4651A2



803E88



9B2E62

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



803E88



725400



006A78

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



803E88



46883E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006A4E



803E88



4C6000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



803E88



8E4316



096725



006798

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



803E88



9F2E47



096725



006B6A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



803E88



AD94B0



3E4788



574859



D9D9D9



595959

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



803E88



A43EB0



883E6C



443E45



760085



050005

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



883E46



B03E4A



3E885A



453E3F



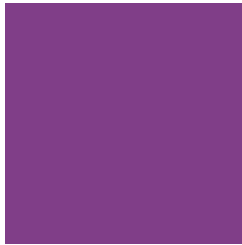
85000E



050001

Previews

White Background



This preview shows how the Hex color 803E88 looks on a white background.

Color Contrast Check

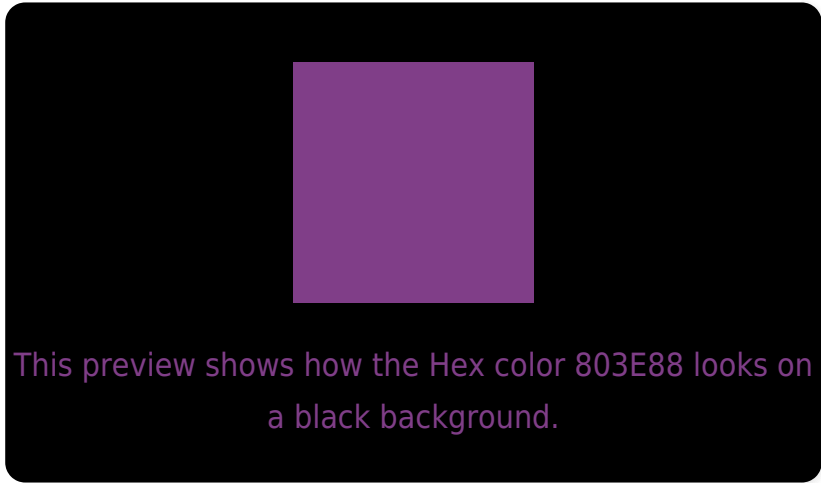
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

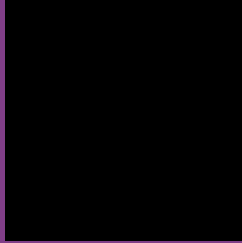
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 803E88 Background



This preview shows how black text looks on a background with the Hex color 803E88.



This preview shows how white text looks on a background with the Hex color 803E88.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

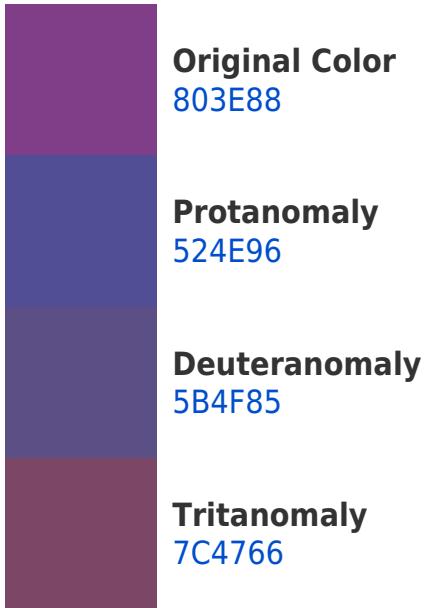
Dichromacy



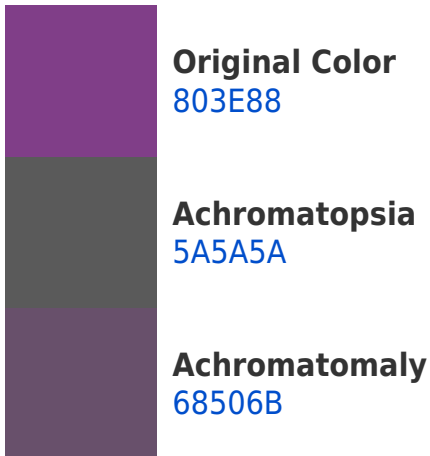


Tritanopia
794C52

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 803E88 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #803E88 looks like.

```
.text, #text, p{  
    color:#803E88  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #803E88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803E88
}
```

Border

The CSS property to change the border of an element to Hex 803E88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

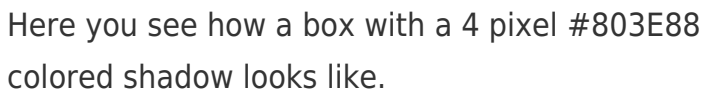
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803E88 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#803E88 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #803E88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803E88; -webkit-box-shadow:4px 4px  
4px 4px #803E88; box-shadow:4px 4px 4px  
4px #803E88 }
```

Background

The CSS property to change the background color of an element to Hex 803E88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803E88 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#803E88 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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